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C45-K

Job Sheet 185181



Part No: C45-K

Job Qty: 1 ea

Part Name: C-Series Remote Hook 4,500 lbs Lift Capacity - Keeperless



Part Weight: 0 lbs

Status: New

Priority: Medium

Job Created: 10/23/18

Job Tracking No:

Due Date: 10/31/18

Created By: Marie Lajeunesse

Type: SOLD

Description:

Note: C45-K REV.2 IPP REV:A 18.02.07 NEW ISSUE DD VERF:JFS

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier		Sign-off
					Setup Hrs	Run Hrs	Workcenter / Supplier	Lead Time	
90	Start up Operation	1 Ea		10/31/18	0.00	0.00	Start Up Small Fab-1		
100	Small Fab	1 pcs		10/31/18	0.00	0.50	Small Fab-9		
120	QC	1 pcs		10/31/18	0.00	0.00	QC5		
140	Packaging	1 pcs		10/31/18	0.00	0.00	Packaging3-1		
160	QC21-SA	1 Ea		10/31/18	0.00	0.00	QC21		

Part Op 100 - 1- PICK C45-2-1 AND LASER ENGRAVE AS PER DWG . SEE NOTE 3 AND 4 ON SHEET 3. 2- ASSEMBLE AS

Descriptions: PER DWG 3- PERFORM ALL NECESSARY TEST USING FAI TEST SHEET.

GREASE AEROSHELL NO. 7 (M138724)
SAF-T-EZE (M128063)

LOCTITE 620 (M138933)
LOCTITE 242 (M138766)

Job BOM

Part / Item	Component Name	Quantity	Operation	Container
188-FPSS-1/4-20-3/8	Set Screw	2 Ea (2 ea)	90-Start up Operation	50 48 55 7
188-FSCS-1032-5/8	Set Screw	4 Ea (4 ea)	100-Small Fab	50 66 76 7
2595K2 7856K	Heat Shrink	1 ft (1 ea)	100-Small Fab	50 96 18 7
32448	16-14 AWG Knife Connector	2 Ea (2 ea)	100-Small Fab	50 41 61 8
600.1309-A	Label	1 Ea (1 ea)	100-Small Fab	
600.1312	Caution Sticker	1 Ea (1 ea)	100-Small Fab	
AN4-23A	Bolt	2 Ea (2 ea)	100-Small Fab	50 123 434 40
AN5-21A	Bolt	4 Ea (4 ea)	100-Small Fab	50 93 60 3
C10-41	Strain Relief Connector	1 Ea (1 ea)	100-Small Fab	50 85 25 1
G2-14-2	Label Rivets	2 Ea (2 ea)	100-Small Fab	
C45-1-1	Manual Knob Release	1 Ea (1 ea)	100-Small Fab	E 50 29 29 5
C45-10-1	Lock Spring Pin	1 Ea (1 ea)	100-Small Fab	50 40 65 8
C45-10-2	Lock Spring	1 Ea (1 ea)	100-Small Fab	50 99 97 0
C45-11-1	Sideplate, Solenoid Side	1 Ea (1 ea)	100-Small Fab	E 50 29 25 6
C45-11-2	Locating Pin	2 Ea (2 ea)	100-Small Fab	50 54 32 6
C45-12-1	Lock Bushing	2 Ea (2 ea)	100-Small Fab	50 91 79 5
C45-12-2	Lock Shaft	1 Ea (1 ea)	100-Small Fab	50 46 50 6
C45-12-3	Lock	1 Ea (1 ea)	100-Small Fab	50 29 30 0
C45-12-4	Lock Roller	1 Ea (1 ea)	100-Small Fab	510 80 73
C45-12-5	Lock Roller Pin	1 Ea (1 ea)	100-Small Fab	510 31 19
C45-12-6	Retaining Ring	2 Ea (2 ea)	100-Small Fab	50 54 98 6
C45-13-1	Keeper Bushing	2 Ea (2 ea)	100-Small Fab	510 12 78
C45-13-3	Keeper Shaft	1 Ea (1 ea)	100-Small Fab	50 29 30 0

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐					
Date :		Step #:		QTY Effective :			MRB (QSI042) Approval Completed By Lead hand / Supervisor Approval Verification QC / QA Coordinator Approval		
Description Work Order Deviation				Disposition					

Root Cause				FAULT CATEGORY			
Environment ☐	No Re-verification ☐	Pressure/Forced ☐	Temperature/Cure ☐	Power Loss/Surge ☐	Positioned Wrong ☐		
Design ☐	Operator ☐	Bending ☐	Set-up ☐	Folio/Program ☐	Outside Dimensions ☐		
Doc/Data ☐	Offset/Setup ☐	Centre Not Concentric ☐	BOM/Route ☐	Grain ☐	Over/Under tolerance ☐		
Equip/Tooling ☐	Supplier ☐	Cracks ☐	Broken/Damage/Defect ☐	Weld ☐	Part Incorrect ☐		
Handling/Pre ☐	Training ☐	Crimp/Kink/Ripple/Wave ☐	Inspection Incomplete/Unqualified ☐	Wrong Stock Pulled ☐	Part Lost/Missing ☐		
Material ☐	Use for Testing ☐	Cuffs ☐	Contamination ☐	Out of Sequence ☐	Part Moved ☐		
Internal Transport ☐	Poor Information ☐	Crushing ☐	Countersink ☐	Off-set ☐	Drawing ☐		
Tribal Knowledge ☐	Rushing ☐	Heat Treat ☐	Cut Too Short ☐	Mislabeled ☐	Finish ☐		
LOA ☐	Product Improvement ☐	Wave/Twist in Tube ☐	Instructions Incomplete/Unclear ☐	Fit/Function ☐	Misread ☐		
Substation ☐	Process Improvement ☐	Marks/Chatter ☐	Drill Holes ☐	Misaligned/off center ☐	Turning Sequence ☐		
Past Expiry Date ☐	Manufacturing Process ☐	OTHER : ☐					
Misidentified ☐	Past Due ☐						

DQA: _____ Date: _____



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Date : _____	Step #: _____	QTY Effective : _____		MRB (QSI042) Approval	
Description Work Order Deviation		Disposition		Completed By	
				Lead hand / Supervisor Approval Verification	
				QC / QA Coordinator Approval	
Root Cause		FAULT CATEGORY			
Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐	No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐	Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐	Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐	Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Misabeled ☐ Fit/Function ☐ Misaligned/off center ☐	Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐
OTHER : _____					

C45-3-10	1	12	0
C45-3-11	1	11	0
C45-3-12	1	88	0
C45-3-2	1	0	0
C45-3-2-1	2	150	0
C45-3-3	1	30	0
C45-3-4	2	7	0
C45-3-4-1	4	248	0
C45-3-5	2	128	0
C45-3-6	1	0	0
C45-3-7	1	0	0
C45-3-8A	1	33	0
C45-3-8B	1	14	0
C45-3-9	1	35	0
C45-4-1	2	0	0
C45-4-4A	1	3	0
C45-4-4KA	1	3	0
C45-4-5	1	9	0
C45-5-1	1	48	0
C45-5-2	1	0	0
C45-7-1	1	0	0
C45-7-2	2	22	0
C45-8-1-2	2	18	0
C45-8-2	1	2	0
C45-8-4	1	0	0
C45-8-5	1	28	0
C45-9-1	1	0	0
C45-9-2	1	42	0
EL-PLUG-M	1	80	0
EL314-SJTOW	1	392	0
MS21044N5	4	177	0
MS27039-4-08	1	252	0
NAS1149F0463P	3	890	0
NAS1149F0563P	8	758	0

Part Specifications

Specifications could not be found.

DQA: _____ Date: _____



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Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐			
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Description Work Order Deviation		Disposition		Completed By	
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Root Cause Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐ No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐		FAULT CATEGORY Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐ Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐ Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Misabeled ☐ Fit/Function ☐ Misaligned/off center ☐ Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐			
OTHER : _____					



Remote Cargo Hook Test Form

C45 K

Work Order 185 181

Customer 10584

Serial Number 5122 881

Date 2018-11-7

# of Releases	Load (Lbs.)	Release Method	Remarks	Result	Pass/fail
1	11,250	Static Hold	Hold for two Minutes and reduce load to zero	N/A	Pass
10	2,250	Electircal, 25 volts	No "hang ups" permitted	N/A	Pass
2	4,500	Electircal, 22 volts	Current shall not exceed 12.4A	8.5 A	Pass
2	3,500	Electircal, 22 volts	Current shall not exceed 12.4A	8.0 A	Pass
2	2,500	Electircal, 22 volts	Current shall not exceed 12.4A	7.5 A	Pass
2	1,500	Electircal, 22 volts	Current shall not exceed 12.4A	7.5 A	Pass
2	500	Electircal, 22 volts	Current shall not exceed 12.4A	7.5 A	Pass
1	4,500	Electircal, 20 volts	Current shall not exceed 11.3A	7.5 A	Pass
1	4,500	Electircal, 28 volts	Current shall not exceed 15.8A	9.5 A	Pass
1	4,500	Manual		N/A	Pass
1	4,500	Impact Test	Impact shackle 10 times, shall not release	N/A	Pass
1	N/A	Solenoid Ohms	Shall not exceed 1.7-2.0 Ohms 2.0	Ohms	Fail
1	N/A	Electircal Continuity	Across both wires	N/A	Pass

Test Conducted By: Michel Reelonde
Technician

Signature: Sylvio Souder
QC 5 Small FAB / QA

Submit

